

IN THE CLAIMS:

1. (Currently Amended) A solid electrolyte cell comprising:
a positive electrode having a positive electrode current collector and a positive
electrode active material;
a negative electrode having a negative electrode current collector and a negative
electrode active material; and
a solid electrolyte comprising at least two layers, namely a first solid
electrolyte layer and a second solid electrolyte layer wherein
a diene compound is contained in at least one of the positive electrode, negative
electrode and the solid electrolyte, and
said diene compound contained in the first solid electrolyte layer is not less than 75%
of the total content thereof.
2. (Original) The solid electrolyte cell according to claim 1 wherein said
diene compound is 1, 4-cyclohexadiene.
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6. (Currently Amended) The solid electrolyte cell according to claim 1 wherein
said solid electrolyte contains a non-aqueous solvent and is in a gelled state.
7. (Original) The solid electrolyte cell according to claim 1 wherein said
matrix polymer is selected from the group consisting of polyethylene oxide, polypropylene
oxide, polytetrafluoroethylene, polyvinylidene fluoride, polyvinylidene chloride,
polymethacrylic acid, polyacrylic amide, polycarbonate, polysulfone and polyethersulfone.
8. (Currently Amended) The solid electrolyte cell according to claim + 14
wherein said electrolyte salt is selected from the group consisting of LiPF₆, LiClO₄,

LiCF₃SO₃, LiCF₃SO₃, LiAsF₆, LiBF₄, LiN(CF₃SO₃)₂, C₄F₉SO₃Li, LiC(CF₃SO₂)₃, LiF, and LiBr.

9. (Once Amended) The solid electrolyte cell according to claim 6 wherein said non-aqueous solvent is selected from the group consisting of ethylene carbonate, propylene carbonate, gamma-butyrolactone, acetonitrile, diethylether, diethylene carbonate, dimethyl carbonate, 1, 2- dimethoxyethane, dimethyl sulfoxide, 1, 3-dioxolan, methyl sulfonate, 2-methyltetrahydrofuran, tetrahydrofuran, sulforan, 2, 4-difluoroanisole and vinylene carbonate.

10. (Original) The solid electrolyte cell according to claim 1 wherein said positive and negative electrodes are layered and coiled together with interposition of said electrolyte.

11. (Original) The solid electrolyte cell according to claim 1 wherein said positive and negative electrodes are layered and stacked together with interposition of said electrolyte.

12. (Original) The solid electrolyte cell according to claim 1 wherein a separator is arranged between said positive and negative electrodes.

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14. (New) A solid electrolyte cell according to claim 1, wherein said solid electrolyte comprises an electrolyte salt dispersed in a matrix polymer and is arranged between said positive electrode and the negative electrode.

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Notes: Attached is a copy of the initialed IDS filed 11/28/03 for Serial No. 09/803,561, which was received by the Examiner after allowance. Please contact the Examiner at 571-272-1285 if you have any concerns.